Daily Diary Report by Bid Item

Contract No.: **04-0120F4**

Diary #: **799** **Const Calendar Day:** 281 **Date:** **12-Mar-2013** **Tuesday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Continuous
Shift Hours: 07:00 am 05:30 pm **Break:** 00:30 **Over Time:** 02:00
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** 40 - 50 **12 PM** 50 - 60 **4PM** 50 - 60
Precipitation 0.00" **Condition** Partly cloudy to mostly sunny

Working Day ☐ If no, explain:

Diary: Dispute ☐

Work description.

- Prepared for todays surveys of the T1 tower highest elevations.

- Checked the level run from the tower head parapet to the tower saddle and grillage with the assistance of Sami Daouk again using the elevation from T1SX reciprocal trig-level to find the elevation of the following points:

1.) 5 corners of the tower head parapet on each shaft (N, S, E, & W - 20 points total)

2.) 4 points (K, L, M, & N) on the tower saddle where there is a history of coordinates from tower erection to tower pullback

3.) Tower grillage which was level prior to saddle and main cable erection.

- Conducted a level run with the assistance of Sami Daouk from WP306 on YBI near the Torpedo Building and existing E2. This was done to measure settlement of the T1 tower foundation since tower erection and bridge load transfer. Points on all four principal directions of the tower shaft base plate were measured. Control points on the concrete surface of the foundation were measured in the N, E, & S directions and not the West side of the foundation due to working platforms. Also the steel tape mark elevations were measured along the North and West shaft faces at the foundation to ascertain the taped distance elevation at the tower head parapet.

- Spent a considerable amount of time mobilizing, setting up and demobilizing survey equipment to obtain elevation values at the top of the tower.

- Processed the surveying data obtained today.